DEPARTMENT OF COMMUNITY DEVELOPMENT
PLANNING DIVISION
TOWN OF WEST HARTFORD
50 SOUTH MAIN STREET
WEST HARTFORD, CT 06107-2431
TEL: 860.561.7555 FAX: 860.561.7504
www.westhartfordct.gov

PERMIT APPLICATION FOR INLAND WETLANDS & WATERCOURSES

ACTIVITY: (check one of the following)

___ **MAP AMENDMENT** X **REGULATED ACTIVITY**

FOR OFFICE USE ONLY:

File #:_____ **Date Received:**_____

Street Address of Proposed Activity:_____

Zone: _____ **Acreage/Lot Area:** _____ **Parcel/Lot#:** _____

Application Fee: _____ **Surcharge Fee:** _____ **Affidavit Fee:** _____

Applicant's Interest in Property: Owner/operator

Brief Description of Proposed Activity: Remove two existing buildings and associated aboveground utilities. Leave concrete building slabs.

The undersigned warrants the truth of all statements contained herein and in all supporting documents to the best of his/her knowledge and belief. Furthermore, the applicant agrees that submission of this document constitutes permission and consent to Commission and Staff inspections of the site. ***Note: Notice is hereby given the Connecticut Department of Public Health must be notified by applicants for any project located within a public water supply aquifer protection area or watershed area. (CTDPH website at http://www.dph.state.ct.us)***

Triumph Engine Control Systems, LLC	Same as Owner
Record Owner's Name	**Applicant's Name**
1 Charter Oak Boulevard	
Street	**Street**
West Hartford CT 06133	
City State Zip	**City State Zip**
860-478-7564 (Contact: Bill Sweetman, EHS Manager)	
Telephone #	**Telephone #**

Contact Person:

J. Michael Callahan	
Name	**Applicant's Signature**
146 Hartford Road	
Street	**Signature of Owner/Authorized Agent**
Manchester CT 06040	
City State Zip	
860-646-2469	mcallahan@fando.com
Telephone #	**Email Address**

Locator Map

SCALE:

0 50 100

Feet

Disclaimer: This map is not the product of a Professional Land Survey. It was created by Fuss & O'Neill, Inc. for general reference, informational, planning and guidance use, and is not a legally authoratative source as to location of natural or manmade features. Proper interpretation of this map may require the assistance of appropriate professional services. Fuss & O'Neill, Inc. makes no warrantee, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

SITE LOCATION
TRIUMPH
West Hartford Connecticut

Project No.: 1992608.U20 April 2019

FUSS & O'NEILL

Figure 1

K:\P92\92608\SiteLoc.mxd

1 Charter Oak Boulevard

Legend

Buildings to be Removed

Wetlands
- Wetlands
- Added Wetlands
- Deleted Wetlands
- Developed Wetlands

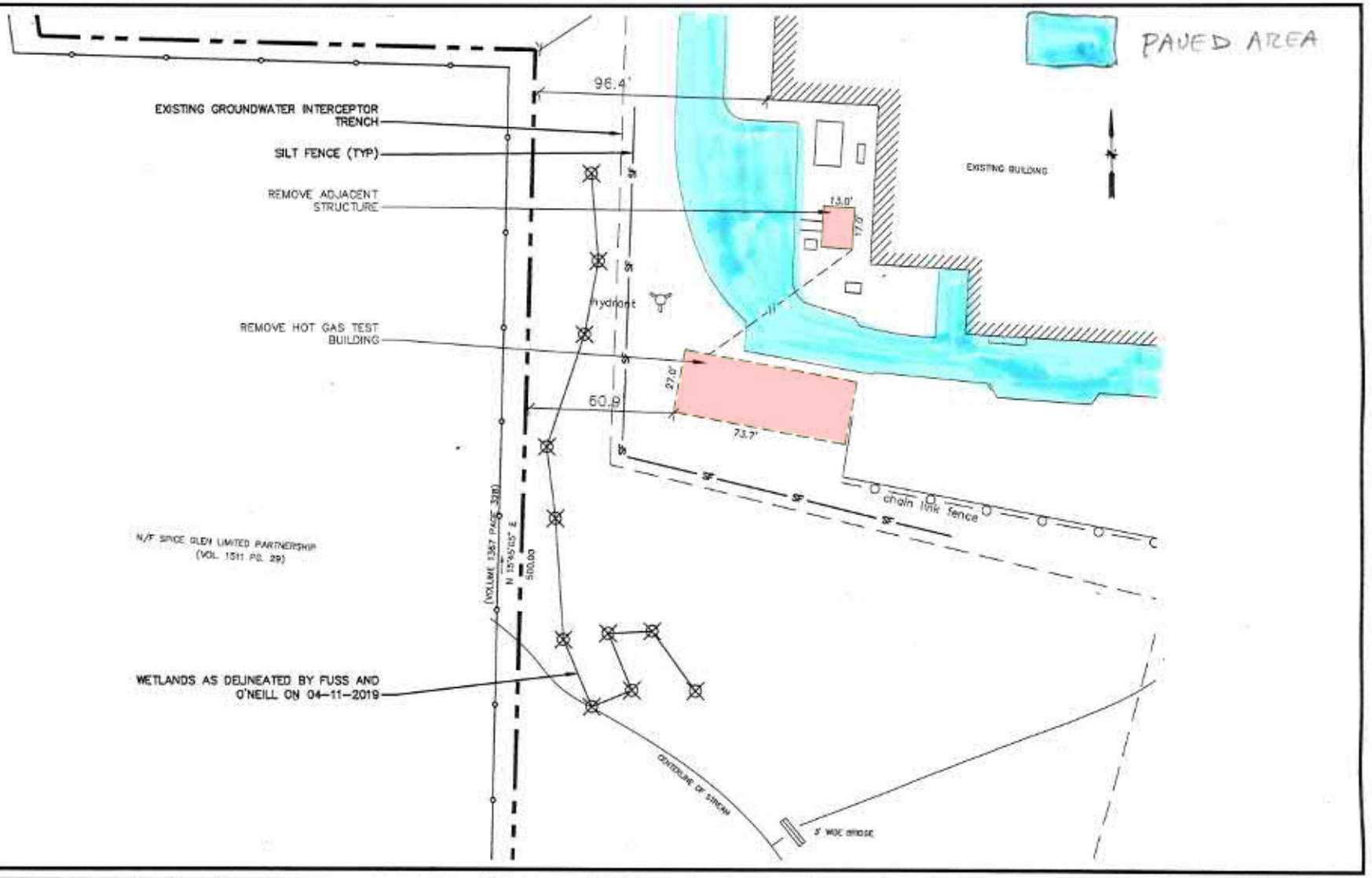
Regulated Wetlands
- 150' Regulated Wetlands

TOWN OF WEST HARTFORD

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Town of West Hartford, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 8/1/2018
Data updated Daily



NO.	DATE	DESCRIPTION	DR'D/CHK'D	REVIEWED

SCALE: HORZ. 1" = 40'
DATUM: HORZ. VERT.
0 20 40
GRAPHIC SCALE

FUSS & O'NEILL

TRIUMPH ENGINE CONTROL SYSTEMS, LLC

PARTIAL SITE PLAN

HOT GAS TEST BUILDING DEMOLITION PROJECT

WEST HARTFORD CONNECTICUT

ATT. 5

EXECUTIVE SUMMARY

This project includes demolition of the Hot Gas Test Building (1,990 SF) and Adjacent Structure (221 SF) at the Triumph Engine Control Systems Property located at 1 Charter Oak Blvd, West Hartford, CT. The Hot Gas Test Building demolition will include hazardous materials abatement. The slab, foundation, and footings for the Hot Gas Test Building shall remain. Therefore, the demolition of the Hot Gas Test Building shall be completed in a manner to ensure that the slab and foundation are not damaged. Anchor bolts, rebar, vertical column members, elements/part of the concrete foundation, leveling grout, anchor plates, etc. that protrude above slab shall be cut off (or ground off) flush with the slab. Similarly, the demolition of the Adjacent Structure shall be completed in a manner to ensure that the slab and foundation are not damaged. No soil disturbance is anticipated. However, if it is determined that the building slabs must be removed, the maximum disturbance would be 2,211 square feet.

The overhead electrical service, steam and natural gas will be removed. Removal will include the removal of support posts, which will result in the disturbance of approximately 40 square feet. There are no known underground utilities in the vicinity. However, should any underground utilities be encountered, they will be cut back five feet from the building, with a maximum disturbance of approximately 30 square feet.

After the demolition of the Hot Gas Test Building above ground structures, the contractor shall excavate four 6' W x 6' L test pits (one on each side of the Hot Gas Test Building) to expose the footings. The depth of each test pit shall be 2 inches below the bottom of the footings. After the owner's engineer inspects the footings, the contractor shall backfill the test pits. Soil disturbance area for the test pits will be approximately 144 square feet.

All work will occur within the Upland Review Area. The area immediately surrounding these buildings is either paved or covered by a grassy lawn. Since it is anticipated that the building slabs will remain in place, total anticipated disturbance will be approximately 184 square feet. Should it be determined that the building slabs will need to be removed, total maximum disturbance area will be 2,425 square feet, which includes removal of the buildings and slabs, utility support posts, and any unknown underground utilities, and test pits. No work will occur in the adjacent wetlands.

Connecticut Department of ENERGY & ENVIRONMENTAL PROTECTION

GIS CODE #: ___ ___ ___ ___ ___ ___ ___ ___ ___
For DEEP Use Only

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete and mail this form in accordance with the instructions on pages 2 and 3 to:
DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3rd Floor, Hartford, CT 06106
Incomplete or incomprehensible forms will be mailed back to the municipal inland wetlands agency.

PART I: Must Be Completed By The Inland Wetlands Agency

1. DATE ACTION WAS TAKEN: year: **Click Here for Year** month: **Click Here for Month**
2. CHOOSE ACTION TAKEN (see instructions for codes): **Click Here to Choose a Code**
3. WAS A PUBLIC HEARING HELD (check one)? yes ☐ no ☐
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:

   (type name) _____ (signature) _____

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING (type name): **West Hartford**
   does this project cross municipal boundaries (check one)? yes ☐ no ☒
   if yes, list the other town(s) in which the action is occurring (type name(s)): _____, _____
6. LOCATION (click on hyperlinks for information): USGS quad map name: **Hartford South** or quad number: **52**
   subregional drainage basin number: **4403**
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): **Triumph Engine Control Systems, LLC**
8. NAME & ADDRESS / LOCATION OF PROJECT SITE (type information): **1 Charter Oak Boulevard**
   briefly describe the action/project/activity (check and type information): temporary ☐ permanent ☒ description: **Remove two existing buildings and associated above ground utilities between the buildings. Leave concrete building slabs.**
9. ACTIVITY *PURPOSE* CODE (see instructions for codes): **D**
10. ACTIVITY *TYPE* CODE(S) (see instructions for codes): **12**, **Click for Code**, **Click for Code**, **Click for Code**
11. WETLAND / WATERCOURSE AREA ALTERED (type acres or linear feet as indicated):
    wetlands: **0.00** acres open water body: **0.00** acres stream: **0.00** linear feet
12. UPLAND AREA ALTERED (type acres as indicated): **0.06** acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type acres as indicated): **0.00** acres

PART III: To Be Completed By The DEEP

DATE RECEIVED: DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO FORM CORRECTED / COMPLETED: YES NO

FUSS & O'NEILL

WETLAND DELINEATION REPORT

Project Name: Triumph Engine Control System Building Removal
Site Location: 1 Charter Oak Boulevard, West Hartford, CT 06133

Prepared For: Triumph Engine Control System, LLC
Contact: Bill Sweetman, EHS Manager, Triumph Engine Control Systems, LLC

F&O Project No: 1992608.U20

Project Description: Remove two existing buildings and associated underground utilities within 10 feet and aboveground utilities between the buildings.

Date(s) of Investigation: April 3, 2019
Weather: 60°F, Sunny Rainfall (last 24 hours): 00.00 inches

METHOD OF WETLAND/WATERCOURSE DELINEATION

Delineation: ☒ Connecticut Inland Wetlands & Watercourses (CGS 22a-36 to 22a-45)
☒ U.S. Army Corps of Engineers
☐ Tidal Wetlands

Flag Number Sequence: A100-A110

Field Plotted: ☒ Site sketch ☒ Aerial photograph ☒ GPS (sub-meter) located
☒ Site mapping: Partial Site Plan
Sheet No.: Att 5 Scale: 1":20' Contours: n/a ft.

METHOD OF UPLAND SOIL DELINEATION

☒ Field Delineated ☐ Field confirmed NRCS soil mapping

FIELD INVESTIGATION METHOD

☒ Spade & Auger ☐ Deep test pit (backhoe) ☐ Other:_____

SOIL CONDITIONS

☐ Dry ☒ Moist ☐ Wet ☐ Frozen (_____ in.) ☐ Snow cover (_____ in.)

The wetland and watercourses were delineated in accordance with applicable local, state and federal statutes, regulations and guidance. Classification and mapping of soils on site were conducted in a manner consistent with the U.S. Department of Agriculture Soil Survey Manual (Soil Survey Staff, 1992). This delineation does not constitute an official wetland boundary until such time as it is accepted and approved by local, state or federal regulatory agencies.

As Prepared By:

Joshua H. Wilson
Registered Soil Scientist

WETLAND DELINEATION REPORT

REGULATORY CONTEXT

Inland wetlands and watercourses are regulated in the State of Connecticut by Connecticut General Statutes, Inland Wetlands and Watercourses Act, Chapter 440, sections 22a-36 to 22a-45. Wetlands are defined as "soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey." Watercourses are defined as "rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private." Intermittent watercourses are identified by "a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (a) Evidence of scour or deposits of recent alluvium or detritus, (b) the presence of standing or flowing water for a duration longer than a particular storm incident, and (c) the presence of hydrophytic vegetation. "

Federal jurisdictional wetland boundaries are defined by 33 CFR 328-329. Federal jurisdictional wetlands are "those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions." Federal wetlands were delineated in accordance with the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (Version 2.0, January 2012). Activities occurring within Inland Waters and Wetlands within the State of Connecticut are subject to approval by the US Army Corps of Engineers, New England District.

SUMMARY OF SOILS

Wetland Soils

Very poorly drained wetland soils were encountered. Although not mapped, these soils fall under the classification of Aquepts: Poorly to very poorly drained soils with an aquic moisture regime and showing some soil development in the B-horizon. The area is mapped by NRCS as Udorthents-Urban Land Complex.

Upland Soils

Upland soils were also mapped as Udorthents: Well drained to excessively drained soils that have been disturbed by cutting or filling, and areas that are typically covered by buildings and pavement.

SUMMARY OF WATERCOURSE AND HYDROLOGY

A small intermittent stream was observed.

ATTACHMENTS

- Site Sketch
- NRCS Soil Drainage Class Mapping
- USACE Wetland Determination Data Forms

Locator Map

SCALE:

0 50 100

Feet

Disclaimer: This map is not the product of a Professional Land Survey. It was created by Fuss & O'Neill, Inc. for general reference, informational, planning and guidance use, and is not a legally authoratative source as to location of natural or manmade features. Proper interpretation of this map may require the assistance of appropriate professional services. Fuss & O'Neill, Inc. makes no warrantee, express or implied, related to the spatial accuracy, reliability, completeness, or currentness of this map.

SITE LOCATION
TRIUMPH
West Hartford Connecticut

Project No.: 1992608.U20 April 2019

FUSS & O'NEILL

Figure 1

K:\P92\92608\SiteLoc.mxd

Soil Map—State of Connecticut
(1 Charter Oak Blvd)

Map Scale: 1:1,620 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 20 40 80 120

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
Survey Area Data: Version 18, Dec 6, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 27, 2016—Oct 30, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
306	Udorthents-Urban land complex	7.9	56.7%
307	Urban land	6.0	43.3%
Totals for Area of Interest		**13.8**	**100.0%**

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Triumph Engine Control Systems - 1 Charter Oak Blvd City/County: West Hartford/Hartford Sampling Date: 4/3/2019

Applicant/Owner: Triumph Engine Control Systems, LLC State: CT Sampling Point: A1W1

Investigator(s): K. Connell Section, Township, Range:

Landform (hillside, terrace, etc.): flat/floodplain Local relief (concave, convex, none): Concave Slope (%): 0

Subregion (LRR or MLRA): LRR R, MLRA 145 Lat: 41.738788 Long: -72.727585 Datum: WGS84

Soil Map Unit Name: Udorthents-Urban Land Complex NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes X	No ____	**Is the Sampled Area**	
Hydric Soil Present?	Yes X	No ____	**within a Wetland?**	**Yes** X **No** ____
Wetland Hydrology Present?	Yes X	No ____	If yes, optional Wetland Site ID:	

Remarks: (Explain alternative procedures here or in a separate report.)
Wetland is located at the toe of the slope of the adjacent Triumph parcel. Land immediately adjacent to the west side of the stream is occupied by residential buildings and small, generally grassy yards.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- X Surface Water (A1)
- X High Water Table (A2)
- X Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- X Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes X	No ____	Depth (inches):	1-2
Water Table Present?	Yes X	No ____	Depth (inches):	6
Saturation Present? (includes capillary fringe)	Yes X	No ____	Depth (inches):	2

Wetland Hydrology Present? **Yes** X **No** ____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants. Sampling Point: A1W1

Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer rubrum*	10	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
	10	=Total Cover	
Sapling/Shrub Stratum (Plot size:)			
1. *Acer rubrum*	2	Yes	FAC
2. *Cornus amomum*	5	Yes	FACW
3.			
4.			
5.			
6.			
7.			
	7	=Total Cover	
Herb Stratum (Plot size:)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
		=Total Cover	
Woody Vine Stratum (Plot size:)			
1. *Rosa multiflora*	75	Yes	FACU
2. *Celastrus orbiculatus*	15	No	UPL
3.			
4.			
	90	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 75.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	5	x 2 =	10
FAC species	12	x 3 =	36
FACU species	75	x 4 =	300
UPL species	15	x 5 =	75
Column Totals:	107	(A)	421 (B)

Prevalence Index = B/A = 3.93

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

X 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? **Yes** X **No** ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point: A1W1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	7.5YR 3/2	100					Loamy/Clayey	vfsl, some organics
6-12	7.5YR 3/2	80	5YR 3/4	20	C	PL	Loamy/Clayey	Distinct redox concentrations
12-18	7.5YR 4/4	80	5YR 3/1	20	D	M	Loamy/Clayey	
18-24	7.5YR 5/2	50	7.5YR 5/8	50	C	M	Loamy/Clayey	Prominent redox concentrations

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

___ Histosol (A1)
___ Histic Epipedon (A2)
___ Black Histic (A3)
___ Hydrogen Sulfide (A4)
___ Stratified Layers (A5)
___ Depleted Below Dark Surface (A11)
___ Thick Dark Surface (A12)
___ Sandy Mucky Mineral (S1)
___ Sandy Gleyed Matrix (S4)
___ Sandy Redox (S5)
___ Stripped Matrix (S6)
___ Dark Surface (S7)
___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
___ High Chroma Sands (S11) (**LRR K, L**)
___ Loamy Mucky Mineral (F1) (**LRR K, L**)
___ Loamy Gleyed Matrix (F2)
___ Depleted Matrix (F3)
X Redox Dark Surface (F6)
___ Depleted Dark Surface (F7)
___ Redox Depressions (F8)
___ Marl (F10) (**LRR K, L**)

Indicators for Problematic Hydric Soils[3]:

___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
___ Coast Prairie Redox (A16) (**LRR K, L, R**)
___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
___ Polyvalue Below Surface (S8) (**LRR K, L**)
___ Thin Dark Surface (S9) (**LRR K, L**)
___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
___ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
___ Red Parent Material (F21)
___ Very Shallow Dark Surface (TF12)
___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: None

Depth (inches): ____

Hydric Soil Present? **Yes** X **No** ____

Remarks:

This data form is revised from Northcentral and Northeast Regional Supplement Version 2.0 to reflect the NRCS Field Indicators of Hydric Soils version 7.0 March 2013 Errata. (http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_051293.docx)

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Triumph Engine Control Systems - 1 Charter Oak Blvd City/County: West Hartford/Hartford Sampling Date: 4/3/2019

Applicant/Owner: Triumph Engine Control Systems, LLC State: CT Sampling Point: A1U1

Investigator(s): K. Connell Section, Township, Range:

Landform (hillside, terrace, etc.): flat Local relief (concave, convex, none): Concave Slope (%): 0

Subregion (LRR or MLRA): LRR R, MLRA 145 Lat: 41.738681 Long: -72.727236 Datum: WGS84

Soil Map Unit Name: Udorthents-Urban Land Complex NWI classification: none

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes X No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ____	No X	**Is the Sampled Area**
Hydric Soil Present?	Yes ____	No X	**within a Wetland?** **Yes** ____ **No** X
Wetland Hydrology Present?	Yes ____	No X	If yes, optional Wetland Site ID:

Remarks: (Explain alternative procedures here or in a separate report.)
Wetland is located at the toe of the slope of the adjacent Triumph parcel. Land immediately adjacent to the west side of the stream is occupied by residential buildings and small, generally grassy yards.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ____	No X	Depth (inches): ____
Water Table Present?	Yes ____	No X	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes ____	No X	Depth (inches): ____

Wetland Hydrology Present? **Yes** ____ **No** X

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants. Sampling Point: A1U1

Tree Stratum (Plot size:)	Absolute % Cover	Dominant Species?	Indicator Status
1. *Acer rubrum*	10	Yes	FAC
2.			
3.			
4.			
5.			
6.			
7.			
	10	=Total Cover	
Sapling/Shrub Stratum (Plot size:)			
1. *Acer rubrum*	2	No	FAC
2.			
3.			
4.			
5.			
6.			
7.			
	2	=Total Cover	
Herb Stratum (Plot size:)			
1. *Grass spp.*	100	Yes	
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	100	=Total Cover	
Woody Vine Stratum (Plot size:)			
1. *Rosa multiflora*	75	Yes	FACU
2. *Celastrus orbiculatus*	15	No	UPL
3. *Smilax*	5	No	
4.			
	95	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 33.3% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	12	x 3 =	36
FACU species	75	x 4 =	300
UPL species	15	x 5 =	75
Column Totals:	102 (A)		411 (B)

Prevalence Index = B/A = 4.03

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? **Yes** ___ **No** X

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point: A1U1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth	Matrix		Redox Features					
(inches)	Color (moist)	%	Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 3/3	100					Loamy/Clayey	fsl

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ Coast Prairie Redox (A16) (**LRR K, L, R**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**)
- ___ Thin Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
- ___ Red Parent Material (F21)
- ___ Very Shallow Dark Surface (TF12)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: cobble

Depth (inches): 12

Hydric Soil Present? **Yes** ___ **No** X

Remarks:

This data form is revised from Northcentral and Northeast Regional Supplement Version 2.0 to reflect the NRCS Field Indicators of Hydric Soils version 7.0 March 2013 Errata. (http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_051293.docx)

WETLAND FUNCTION & VALUE ASSESSMENT FIELD FORM

This form has been developed to streamline the function and value assessment process of wetlands and watercourses in the field. The form has largely been developed using the procedure outlined in the U.S. Army Corps of Engineers "Highway Methodology Work Book: Supplement. Wetland Functions and Values: A Descriptive Approach" (1999, NAEEP-360-1-30a). This methodology is a descriptive approach and does not rely upon semi-quantitative numerical models to identify principal functions and values of wetlands and watercourse.

Many of the criteria used as "considerations and qualifiers" are drawn directly from the U.S. Army Corps of Engineers methodology. However, other assessment methods were considered (e.g. Wisc. DNR, 1992, "Rapid Assessment Methodology for Evaluating Wetland functions and Values." and Ammann, et al., 1996,"Method for the Evaluation of Inland Wetlands in Connecticut.") as well professional experience. Each criteria listed is an indicator of that function or value . An affirmative response, therefore, supports the assumptions of a given function or value. Generally, a majority of affirmative responses will indicate that the given function or value is a "principal" function or value. However, the criteria are not weighted and thus it is incumbent upon the inspector to use his or her best professional judgment when identify "principal" functions or values.

Groundwater Recharge & Discharge
The capacity or potential for a wetland to interact with groundwater such that water moves from surface water to ground water (Recharge) or from ground water to surface water (Discharge).

Floodflow Alteration
The storage of inflowing water from storm or flooding events, resulting in detention and retention of water on the wetland surface.

Finfish Habitat (Ponds & Lakes)
Considers the quality of the aquatic habitat of a pond or lake, and its capacity to support finfish.

Finfish Habitat (Streams & Rivers)
Considers the quality of the aquatic habitat of a perennial watercourse, and its capacity to support finfish.

Sediment, Pollutant & Nutrient Removal
The capacity of a wetland to remove dissolved, suspended and floatable material from storm water runoff and prevents degradation of water quality.

Production Export
The capacity of a wetland to produce wildlife food sources, or to export biomass that sustains downstream ecosystems and local wildlife populations.

Wildlife Habitat
The capacity of a wetland to support a diverse and abundant wildlife community typically associated with wetland and wetland edges.

Educational, Scientific & Recreation Value
The suitability of a wetland for classroom field trips or scientific research, or to support various recreation activities (e.g., hiking, canoeing, boating, fishing, hunting, bird watching).

Uniqueness & Heritage
The degree to which a wetland is considered a locally or regionally unique natural resource.

FUSS & O'NEILL

Project Name: Triumph Engine Control System Building Demolition Project #: 1992608.U20

Wetland Assessment Area: unnamed stream along western edge of the Site

Date: 4/3/2019 Weather: Sunny, 60s Photographs Taken? Yes / No

GROUNDWATER RECHARGE

Considerations/Qualifiers	**Yes**	**No**
Wetland is underlain by stratified drift, gravel or sandy soils.	☐	☒
Wetland is *not* underlain by hardpan, impervious soils (e.g., clays and silts) or bedrock	☒	☐
Wetland is associated with a perennial or intermittent watercourse	☒	☐
Wetland formed on relatively gentle slopes (e.g., less than 3%)	☒	☐
Wetland is associated with a watercourse but lacks a defined outlet or contains a constricted outlet	☐	☒
Other evidence of groundwater recharge is present (i.e., local water supplies piezometer data, etc.)	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☐ **SECONDARY FUNCTION?**

Comments:

GROUNDWATER DISCHARGE

Considerations/Qualifiers	**Yes**	**No**
Wetland is *not* underlain by stratified drift, gravel or sandy soils.	☒	☐
Wetland is underlain by hardpan; impervious, tight grained soils (high clay and/or silt content); or bedrock	☐	☒
Wetland formed as a result of seeps or springs	☐	☒
Wetland shows strong signs of variable water levels (e.g., well developed microtopography)	☐	☒
Wetland is associated with a watercourse and contains only an outlet, no defined inlet	☐	☒
Other evidence of groundwater discharge are present (i.e., water temperature, piezometer data, etc.)	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☐ **SECONDARY FUNCTION?**

Comments:

Inspector: K.Connell

FUSS & O'NEILL

Project Name: Triumph Engine Control System Building Demolition Project #: 1992608.U20

Wetland Assessment Area: unnamed stream along western edge of the Site

Date: 4/3/2019 Weather: Sunny, 60s Photographs Taken? Yes / No

FLOODFLOW ALTERATION

Considerations/Qualifiers	**Yes**	**No**
Area of this wetland is large relative to its watershed	☐	☒
Wetland occurs in the upper portions of its watershed and the effective flood storage is small or non-existent upslope of or above the wetland	☐	☒
Wetland watershed contains a high percent of impervious surfaces	☒	☐
Wetland shows strong signs of variable water levels (e.g., well developed microtopography) or ponding (e.g. sediment deposits or lines)	☐	☒
Wetland formed on relatively gentle slopes (e.g., less than 3%).	☒	☐
Wetland located in a floodplain of an adjacent watercourse.	☒	☐
Wetland has a constricted outlet.	☐	☒
Wetland contains hydric soils which are able to absorb and detain water.	☒	☐
Watershed has a history of economic loss due to flooding.	☐	☒
Associated watercourse, if present, is sinuous or diffuse.	☐	☒
Other evidence of floodflow alteration (Explain below)	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☒ **SECONDARY FUNCTION?**

Comments:

Wetland is restricted to the east by the toe of a steep slope. Residential buildings are located a short distance to the west.

SEDIMENT, POLLUTANT & NUTRIENT REMOVAL

Considerations/Qualifiers	**Yes**	**No**
Wetland saturated for most of the season.	☒	☐
Ponded water (including deep water or open water habitat) is present in the wetland.	☐	☒
Wetland edge is broad and intermittently aerobic.	☐	☒
Deep organic/sediment deposits are present	☐	☒
Slowly drained fine grained mineral or organic soils are present.	☒	☐
Alluvial soils present in or immediately adjacent to wetland.	☐	☒
Wetland formed on relatively gentle slopes (e.g., less than 3%).	☒	☐
Water retention/detention time in this wetland is increased by constricted outlet.	☐	☒
Water retention/detention time in this wetland is increased by thick vegetation.	☒	☐
Emergent vegetation and/or dense woody stems are dominant.	☒	☐
Wetland shows strong signs of variable water levels (e.g., well developed microtopography)	☐	☒
Other evidence of sediment, pollutant and nutrient removal (Explain below)	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☒ **SECONDARY FUNCTION?**

Comments:

Inspector: K.Connell

FUSS & O'NEILL

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Date: 4/3/2019 Weather: Sunny, 60s Photographs Taken? Yes / No

FISH AND SHELLFISH HABITAT (PONDS & LAKES)

Considerations/Qualifiers	**Yes**	**No**
Land use adjacent to pond or lake dominated by forest, shrub and/or meadow community	☐	☐
Shallow littoral zone with emergent vegetation present	☐	☐
Pond or lake is ate least 10 feet deep	☐	☐
Pond or lake is covered by more than 15 but less then 40 percent submered or emergent vegetation	☐	☐
Direct stormwater discharge(s) are few to none and , if present, originate from smaller culverts/outfalls	☐	☐
Sand bars or evidence of stormwater runoff at inlet is absent	☐	☐
Water transparency is high	☐	☐
Significant sources of nutrient sources (e.g. fertilizers, over-abundant waterfowl) are absent	☐	☐
Pond or lake is greater than 0.5 acre	☐	☐
Dense algal blooms, nuisance aquatic vegetation or duckweed are not or have not historically been observed	☐	☐
Other evidence of finfish habitat (Explain below)	☐	☐

☐ **PRINCIPAL FUNCTION** **or** ☐ **SECONDARY FUNCTION?**

Comments:
N/A

FISH AND SHELLFISH HABITAT (STREAMS & RIVERS)

Considerations/Qualifiers	**Yes**	**No**
Land use adjacent to stream or river dominated by forest, shrub and/or meadow community	☐	☒
Channel is shaded by riparian trees or shrubs	☒	☐
Bank is predominantly vegetated with high cover (e.g. trees and shrubs)	☐	☒
Barriers to anadromous fish (i.e. dams, including beaver dams, waterfalls, road crossings, etc.) are absent from the stream reach associated with this wetland.	☐	☒
Dominant bottom substrate is gravel and/or cobbles	☐	☒
Bottom substrate is embedded with minimal sand and silt	☐	☒
Diversity of instream habitat (e.g. riffles, runs, shallow pools and deep pools) is high	☐	☒
Channel alteration (i.e. channelization, islands, point bars, etc.) are few to absent	☐	☒
Bank is stabilized; Little to no evidence of scour or erosion is present	☒	☐
Stream or river contains common to many cover objects (i.e, fallen logs, boulders, undercut banks)	☐	☒

Inspector: K.Connell

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Wetland Assessment Area: unnamed stream along western edge of the Site

Date: 4/3/2019 Weather: Sunny, 60s Photographs Taken? Yes / No

FISH AND SHELLFISH HABITAT (STREAMS & RIVERS) (cont'd)

Stream or river is predominantly buffered from other land uses by a vegetated zone greater than 20 feet in width	☐	☒
Direct stormwater discharge(s) are few to none, and, if present, originate from smaller culverts/outfalls	☐	☒
Sand bars or evidence of stormwater runoff at inlet is absent	☒	☐
Significant sources of nutrient sources (e.g. fertilizers, over-abundant waterfowl) are absent	☐	☒
Quality of the watercourse associated with this wetland is able to support healthy fish/shellfish	☐	☒
Other evidence of finfish habitat (Explain below)	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☐ **SECONDARY FUNCTION?**

Comments:
Stream is likely intermittent

PRODUCTION EXPORT

Considerations/Qualifiers	**Yes**	**No**
Wildlife food sources growing within this wetland are abundant and diverse.	☐	☒
Emergent vegetation and/or dense woody stems are dominant.	☒	☐
Wetland exhibits high degree of plant community structure/species diversity	☐	☒
Evidence of wildlife use found within this wetland.	☐	☒
Fish or shellfish develop or occur in this wetland.	☐	☒
Nutrients exported or "flushed" from wetlands to watercourses (permanent outlet present).	☒	☐
Other evidence of production export (Explain below)	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☐ **SECONDARY FUNCTION?**

Comments:
Vegetation is dominated by invasive multiflora rose.

WILDLIFE HABITAT

Considerations/Qualifiers	**Yes**	**No**
Wetland is not degraded or fragmented by human activity.	☐	☒
Wildlife overland access to other wetlands is present and relatively unfragmented or unimpeded.	☐	☒
More than 40% of this wetland edge is bordered by upland wildlife habitat (e.g., shrub thicket, woodland, farmland, or idle land) at least 500 feet in width.	☐	☒
Wetland is contiguous with other wetland systems connected by a watercourse or lake.	☒	☐
Water quality of the watercourse, pond, or lake associated with this wetland meets or exceeds Class A or B standards.	☒	☐

FUSS & O'NEILL

Project Name: Triumph Engine Control System Building Demolition Project #: 1992608.U20

Wetland Assessment Area: unnamed stream along western edge of the Site

Date: 4/3/2019 Weather: Sunny, 60s Photographs Taken? Yes / No

WILDLIFE HABITAT (cont'd)

Dominant wetland class includes deep or shallow marsh or wooded swamp.	☐	☒
Wildlife food sources growing within this wetland are abundant and diverse.	☐	☒
Wetland exhibits a high degree of interspersion of vegetation classes (e.g. forest, shrub, emergent marsh, wet meadow, open water).	☐	☒
Two or more islands or inclusions of upland within the wetland are present.	☐	☒
Wetland exhibits a high degree of diversity in plant community structure (e.g., tree/shrub/vine/grasses/mosses).	☐	☒
Wetland or watercourse contains numerous and diverse habitat features (e.g., snags, downed woody debris, rocks, seeps/springs, well drained sandy soils).	☐	☒
Evidence of obligate or facultative vernal pool species have been observed in or near the wetland.	☐	☒
Wetland shows strong signs of variable water levels (e.g., well developed microtopography).	☐	☒
Dominant vegetation cover type is not composed of invasive or noxious species.	☐	☒
Other evidence wildlife habitat (Explain below).	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☐ **SECONDARY FUNCTION?**

Comments:
Wetland/watercourse is located in a very urban environment

EDUCATIONAL, SCIENTIFIC & RECREATION VALUE

Considerations/Qualifiers	**Yes**	**No**
Wetland contains state or federal listed species.	☐	☒
Wildlife habitat is a principal function of the wetland	☐	☒
Direct access is available to a perennial watercourse (e.g., stream pond or lake)	☒	☐
Wetland is part of a recreation area, park, forest, or refuge.	☐	☒
Hunting and/or fishing is available within or from the wetland.	☐	☒
Hiking occurs or has the potential to occur in the wetland	☐	☒
Off-road public parking available at or near the wetland or watercourse.	☐	☒
Wetland is within a short drive or safe walk from highly populated public and private areas.	☒	☐
Wetland currently used for educational or scientific purposes.	☐	☒
Access to water is available at this potential recreation site for boating, canoeing, or fishing.	☐	☒
No known safety hazards exist (If not, explain below).	☐	☒
Other evidence educational, scientific or recreation value (Explain below).	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☐ **SECONDARY FUNCTION?**

Comments:

Inspector: K.Connell

FUSS & O'NEILL

Project Name: Triumph Engine Control System Building Demolition Project #: 1992608.U20

Wetland Assessment Area: unnamed stream along western edge of the Site

Date: 4/3/2019 Weather: Sunny, 60s Photographs Taken? Yes / No

UNIQUENESS & HERITAGE VALUE

Considerations/Qualifiers	**Yes**	**No**
Wetland contains state or federal listed species.	☐	☒
Wetland identified as a whole or in part as an exemplary natural community (Explain below)	☐	☒
Wetland considered a locally and/or regionally significant (Explain below)	☐	☒
Other evidence of uniqueness or heritage values (Explain below)	☐	☒

☐ **PRINCIPAL FUNCTION** **or** ☐ **SECONDARY FUNCTION?**

Comments:

SUMMARY OF FUNCTIONS & VALUES

Function/Value	**Principal Function**	**Secondary Function**
Groundwater Recharge & Discharge		
Floodflow Alteration		X
Sediment, Pollutant & Nutrient Removal		X
Finfish Habitat (Ponds & Lakes)		
Finfish Habitat (Streams & Rivers)		
Production Export		
Wildlife Habitat		
Educational, Scientific & Recreation Value		
Uniqueness & Heritage		

MISCELLANEOUS NOTES & COMMENTS:

Wetland is located in an urban area.

Inspector: K.Connell

Aubutting Property Owner Information
Triumph Engine Control Systems, LLC
1 Charter Oak Boulevard

Site Address	Owner Name	Owner Name 2	Owner Address	Owner Address 2	Owner City, State Zip
772 SOUTH QUAKER LANE	GRADY SHANTE A		772 SOUTH QUAKER LANE		WEST HARTFORD, CT 06110
4 ROSEMARY COURT	MILLS SANDRA		4 ROSEMARY COURT		WEST HARTFORD, CT 06110
24 NUTMEG COURT	MORRISON NOVLETTE E + MICHELLE DESIRE		14 LARK DRIVE		EAST HARTFORD, CT 06118
8 ROSEMARY COURT	MORRIS LILLIA L		8 ROSEMARY COURT		W HARTFORD, CT 06110
756 SOUTH QUAKER LANE	ORCHINGWA FYNEFACE A + UGOCHI P		756 SOUTH QUAKER LANE		WEST HARTFORD, CT 06110
8 CINNAMON CIRCLE	SMITH NATALIE LYNNE		8 CINNAMON CIRLCE		WEST HARTFORD, CT 06110
752 SOUTH QUAKER LANE	NGUYEN CHANH + LIEN THI ONG		752 SOUTH QUAKER LANE		WEST HARTFORD, CT 06110
4 CINNAMON CIRCLE	JOHNSON HIRON L + JACQUELINE A		4 CINNAMON CIRCLE		WEST HARTFORD, CT 06110
4 GINGER DRIVE	VALDERAMA ANTONIO O + ANNA F		4 GINGER DRIVE		WEST HARTFORD, CT 06110
128 TALCOTT ROAD	FILLION BERTHIER		128 TALCOTT ROAD		WEST HARTFORD, CT 06107
144 TALCOTT ROAD	FIGUEIREDO PAUL + JOSEPH C + LUCIA		144 TALCOTT ROAD		WEST HARTFORD, CT 06110
3 NUTMEG COURT	AMAEFULE GLORIA C + MARTIN N NWACHUKWU		3 NUTMEG COURT		WEST HARTFORD, CT 06110
16 ROSEMARY COURT	REILLY CHRISTOPHER + MARLENY D MESTA		16 ROSEMARY COURT		W HARTFORD, CT 06110
6 CINNAMON CIRCLE	DONG YUNFANG		6 CINNAMON CIRCLE		W HARTFORD, CT 06110
10 GINGER DRIVE	ROHRBACH MICHAEL C + ANDREA		10 GINGER DRIVE		WEST HARTFORD, CT 06110
7 NUTMEG COURT	NGUYEN TUNG + MYLINH TRUONG		7 NUTMEG COURT		WEST HARTFORD, CT 06110
6 GINGER DRIVE	TREJOS HENRY + INDIRA BORRERO		6 GINGER DRIVE		W HARTFORD, CT 06110
780 SOUTH QUAKER LANE	ROSA RUI M + ILDA F		780 SOUTH QUAKER LANE		WEST HARTFORD, CT 06110
3 GINGER DRIVE	LINGALA PRAVEEN R + LAVANYA		3 GINGER DRIVE		W HARTFORD, CT 06107
22 NUTMEG COURT	WILLIAMS LARRY L + BETTY J		22 NUTMEG COURT		WEST HARTFORD, CT 06110
12 GINGER DRIVE	GALBERT LINFORD J + ANN		12 GINGER DRIVE		WEST HARTFORD, CT 06110
17 CINNAMON CIRCLE	HERNANDEZ ADAM C + MARISA P		17 CINNAMON CIRCLE		W HARTFORD, CT 06110
18 CINNAMON CIRCLE	HEWITT JERRY J + LOUISE M		18 CINNAMON CIRCLE UNIT 29		WEST HARTFORD, CT 06110
29 NUTMEG COURT	BRATHWAITE LINDA H + SUSAN B		29 NUTMEG COURT		WEST HARTFORD, CT 06110
5 NUTMEG COURT	BLAJERSKI DANUTA		5 NUTMEG COURT		WEST HARTFORD, CT 06110
140 TALCOTT ROAD	FIGUEIREDO PAUL J		140 TALCOTT ROAD		WEST HARTFORD, CT 06110
8 GINGER DRIVE	WRIGHT DELORES + WESLEY T		8 GINGER DRIVE		WEST HARTFORD, CT 06110
12 ROSEMARY COURT	WILSON JOSEPH O + GLORIA M		12 ROSEMARY COURT		WEST HARTFORD, CT 06110
2 ROSEMARY COURT	LAING LAMBERT G + YVONNE G		2 ROSEMARY COURT		WEST HARTFORD, CT 06110
9 NUTMEG COURT	BUTLER PAULETTE		9 NUTMEG COURT		WEST HARTFORD, CT 06110
132 TALCOTT ROAD	ROCHE JOANNE		132 TALCOTT ROAD		WEST HARTFORD, CT 06110
10 GRASSMERE AVENUE	D + L REALTY LLC		CANDLEWOOD ISLE	BOX 383	NEW FAIRFIELD, CT 06812
12 CINNAMON CIRCLE	WALZ JAMES F + GINA PITRE		12 CINNAMON CIRCLE		WEST HARTFORD, CT 06110
545 NEW PARK AVENUE	COLTS MANUFACTURING COMPANY LLC		545 NEW PARK AVENUE		WEST HARTFORD, CT 06110
10 NUTMEG COURT	BIHORAC MITHAT + BILJANA		10 NUTMEG COURT		WEST HARTFORD, CT 06110
2 GINGER DRIVE	VERRASTRO CHRISTOPHER JASON +	VERRASTRO SELMA C	2 GINGER DRIVE		WEST HARTFORD, CT 06110
9 GINGER DRIVE	MATURANA JULIO C +	BOTERO-ARISTIZABAL MARIA H	9 GINGER DRIVE		WEST HARTFORD, CT 06110
121 TALCOTT ROAD	121 TALCOTT LLC		17 CRANBROOK		WEST HARTFORD, CT 06117
16 CINNAMON CIRCLE	ROMAN DAN		16 CINNAMON CIRCLE		WEST HARTFORD, CT 06110
2 CINNAMON CIRCLE	AISEVBONAYE THERESA E + HARRIS		2 CINNAMON CIRCLE		WEST HARTFORD, CT 06110
764 SOUTH QUAKER LANE	DUONG LINH T		764 SOUTH QUAKER LANE		WEST HARTFORD, CT 06110
101 TALCOTT ROAD	VALIN ENTERPRISES INC		1380 ASYLUM AVENUE		HARTFORD, CT 06105
10 ROSEMARY COURT	HASTINGS SOPHIA C		10 ROSEMARY COURT		WEST HARTFORD, CT 06110
10 CINNAMON CIRCLE	CONROY JAMES A		10 CINNAMON CIRCLE		WEST HARTFORD, CT 06110
748 SOUTH QUAKER LANE	BELNAVIS GARNETT A		748 SOUTH QUAKER LANE		WEST HARTFORD, CT 06110
109 TALCOTT ROAD	BUCKLEY ASSOCIATES LLC		109 TALCOTT ROAD		W HARTFORD, CT 06110
6 ROSEMARY COURT	ZHENG KAYLEE TAYLOR		6 ROSEMARY COURT		WEST HARTFORD, CT 06110
700 SOUTH QUAKER LANE	UNITED STATES OF AMERICA		700 QUAKER LANE SOUTH		WEST HARTFORD, CT 06110
836 FLATBUSH AVENUE	TOWN OF WEST HARTFORD		50 SOUTH MAIN STREET		WEST HARTFORD, CT 06107
503 NEW PARK AVENUE	HOME DEPOT U.S.A. INC.		PROPERTY TAX DEPT #6210	PO BOX 105842	ATLANTA, GA 30348-5842
877 FLATBUSH AVENUE	TOWN OF WEST HARTFORD		50 SOUTH MAIN STREET		WEST HARTFORD, CT 06107
425 OAKWOOD AVENUE	TOWN OF WEST HARTFORD	CHARTER OAK SCHOOL	50 SOUTH MAIN STREET		WEST HARTFORD, CT 06107
14 ROSEMARY COURT	GOELLER TRAVIS L		14 ROSEMARY COURT		WEST HARTFORD, CT 06110
136 TALCOTT ROAD	WINNICK MARIA R TR		136 TALCOTT ROAD		WEST HARTFORD, CT 06110
507 NEW PARK AVENUE	NATIONAL RETAIL PROPERTIES LP	C/O BJ'S WHOLESALE CLUB INC	25 RESEARCH DRIVE		WESTBOROUGH, MA 01581
1 CHARTER OAK BOULEVARD	TRIUMPH ENGINE CONTROL SYSTEMS LLC		SUITE 210	899 CASSATT ROAD	BERWYN, PA 19312
511 NEW PARK AVENUE	ALDI INC		C/O RYAN TAX COMPLIANCE	PO BOX 460049 DEPT 501	HOUSTON, TX 77056
93 TALCOTT ROAD	93 TALCOTT ROAD LLC		109 TALCOTT ROAD		WEST HARTFORD, CT 06110
5 CINNAMON CIRCLE	WAHIDI SEYYED		5 CINNAMON CIRCLE		WEST HARTFORD, CT 06110
760 SOUTH QUAKER LANE	BAYEROWSKI, GARY J		C/O KATHLEEN BERRY ESQ CONS	62 LASALLE RD STE 212	WEST HARTFORD, CT 06107
776 SOUTH QUAKER LANE	PANDEY SUNITA CHAPAGAIN + SURAJ		776 SOUTH QUAKER LANE		WEST HARTFORD, CT 06110
768 SOUTH QUAKER LANE	RAMDHARRY BERAM P		768 SOUTH QUAKER LANE		WEST HARTFORD, CT 06110
14 CINNAMON CIRCLE	HIZON FARRAH M		14 CINNAMON CIRCLE		WEST HARTFORD, CT 06110

Abutter information from West Hartford online GIS (https://westhartfordct.mapgeo.io/) accessed on April 11, 2019.